

A CUMMINS FIELD CAMPAIGN

Please Deliver To: Service Managers and Warranty Decision Makers

FROM: Cummins Customer Assurance Communications

Subject: ISM CM876 and ISX CM871 Regen Inhibit Switch Inoperable on Firetrucks Safety Campaign

Number: C0939

Date: 24-Jul-2009

Expires: 31-Aug-2019 (U.S./Canada)

31-Aug-2019 (International)

Attention: U.S / Canadian Distr./Branches and Div. Offices

U.S / Canadian Dealers

If additional information is required, contact your Cummins Warranty Operations Group Leader.

DESCRIPTION:

This Safety Campaign authorizes certified repair locations to recalibrate the ECM of ISX CM871 and ISM CM876 engines in fire truck applications to restore the functionality of the aftertreatment regeneration permit switch. The ESNs for eligible engines are listed in Attachment A.

ACTION:

In order to qualify for repair under this Safety Campaign, an engine:

- 1 will be covered Regardless of coverage status, and
- 2 **must** be on the attached ESN list.

After verifying that the engine meets the above requirements, perform the following actions:

- 1 Verify that the ESN is on the affected ESN list.
- 2 Recalibrate the ECM using an AUGUST 2009 OR LATER INCAL™ DVD or the latest calibration available on QuickServe On-Line. **NOTE:** Ensure the most current versions of INSITE™ and INLINE™ software are used.
- 3 File one claim for all labor and travel associated with this repair.
- 4 Provide documentation of the ECM revision codes from before and after the recalibration in the claims narrative.

MATERIAL DISPOSITION:

There are no materials involved in the Safety Campaign.

REIMBURSEMENTS:

Parts:

There are no parts covered in this Safety Campaign.

NOTE: SRTs to gain access that are required to complete the repair, that are sufficiently explained in the claim narrative, may also be claimed on this action.

Labor using applicable Access Code and Time:

SRT Code	Description	Time
00-90X	Administrative time	
19-601	Electronic Control Module (ECM) Calibration - Transfer	

Travel:

Travel is covered under this Safety Campaign. Towing is **not** covered under this Safety Campaign.

Other Claimables:

Consumables are covered under this Safety Campaign.

Claim Instructions:

For Cummins Dealers, claims for this Field Safety Campaign **must** be filed via **RAPIDSERVE™** Web (rsw.cummins.com). For information regarding **RAPIDSERVE™** Web, please reference the "Warranty" tab in QuickServe Online. If there are additional questions, please contact your local Cummins Distributor.

Account Code:65
Pay Code: Distributor = X
Pay Code: Dealer = D

Pay Code: International = I
Failure Code:WEQPE5

Attachments
c0939_esn-list.xls

A CUMMINS FIELD CAMPAIGN

Please Deliver To: Service Managers and Warranty Decision Makers

FROM: Cummins Customer Assurance Communications

Subject: ISB CM2150 Regen Permit Switch Safety Campaign- Fire Trucks

Number: C0940

Date: 24-Jul-2009

Expires: 01-Jul-2019 (U.S./Canada)
01-Jul-2019 (International)

Attention: U.S / Canadian Distr./Branches and Div. Offices
U.S / Canadian Dealers

If additional information is required, contact your Cummins Warranty Operations Group Leader.

DESCRIPTION:

This Safety Campaign authorizes certified repair locations to recalibrate the ECM of ISB CM2150 engines in fire truck applications to restore the functionality of the aftertreatment regeneration permit switch. The ESNs for eligible engines are listed in Attachment A.

ACTION:

In order to qualify for repair under this Safety Campaign, an engine:

- 1 will be covered Regardless of coverage status, and
- 2 **must** be an ISB CM2150 engine in a fire truck application.

After verifying that the engine meets the above requirements, perform the following actions:

- 1 Verify that the ESN is on the affected ESN list.
- 2 Recalibrate the ECM as described in Procedure 019-032 in Service Bulletin 4021570 Troubleshooting and Repair Manual on QuickServe On-Line using a JULY 2009 OR LATER INCAL™ DVD or the latest calibration available on QuickServe On-Line. NOTE: Ensure the most current versions of INSITE™ and INLINE™ software are used.
- 3 File one claim for all labor and travel associated with this repair.
- 4 Provide documentation of the ECM revision codes from before and after the recalibration in the claims narrative.

MATERIAL DISPOSITION:

There are no materials involved in the Safety Campaign.

REIMBURSEMENTS:

Parts:

There are no parts covered in this Safety Campaign.

Labor using applicable Access Code and Time:

SRT Code	Description	Time
00-90X	Administrative time	
19-601	Electronic Control Module (ECM) Calibration - Transfer	

Travel:

Travel is covered under this Safety Campaign. Towing is **not** covered under this Safety Campaign.

Other Claimables:

Consumables are **not** covered under this Safety Campaign.

Claim Instructions:

For Cummins Dealers, claims for this Field Safety Campaign **must** be filed via **RAPIDSERVE™** Web (rsw.cummins.com). For information regarding **RAPIDSERVE™** Web, please reference the "Warranty" tab in QuickServe Online. If there are additional questions, please contact your local Cummins Distributor.

Account Code: 65
Pay Code: Distributor = X
Pay Code: Dealer = D

Pay Code: International = I
Failure Code: WEQPE6

Attachments
c0940_esn-list.xls

A CUMMINS FIELD CAMPAIGN

Please Deliver To: Service Managers and Warranty Decision Makers

FROM: Cummins Customer Assurance Communications

Subject: ISC and ISL CM2150 ECM Calibration Safety Campaign - Fire Truck

Number: C0941

Date: 01-Sep-2009

Expires: 01-Jul-2019 (U.S./Canada)
01-Jul-2019 (International)

Attention: U.S / Canadian Distr./Branches and Div. Offices
U.S / Canadian Dealers

If additional information is required, contact your Cummins Warranty Operations Group Leader.

DESCRIPTION:

This Safety Campaign authorizes certified repair locations to recalibrate the ECM of ISC and ISL CM2150 engines in fire truck applications to restore the functionality of the aftertreatment regeneration permit switch and conduct an engine stall test to measure engine blow-by. The ESNs for eligible engines are listed in Attachment A.

ACTION:

In order to qualify for repair under this Safety Campaign, an engine:

- 1 will be covered Regardless of coverage status, and
- 2 **must** be an ISC or ISL CM2150 engine in a fire truck, and
- 3 **must** be included in the attached ESN list, and
- 4 **must** not have had been repaired per this Campaign previously.

After verifying that the engine meets the above requirements, perform the following actions:

- 1 Recalibrate the ECM as described in Procedure 019-032 in Service Bulletin 4021570, Troubleshooting and Repair Manual on QuickServe On-Line using an September 2009 OR LATER INCAL™ DVD or the latest calibration available on QuickServe On-Line. Refer to the attached calibration revision matrix included in the ESN list to ensure that you are loading the correct calibration revision level. **NOTE:** Ensure the most current versions of INSITE™ and INLINE™ software are used.
- 2 Perform an Engine Stall Test as described in Procedure 014-010 in section 14 in Service Bulletin 4021569, ISC and ISL CM2150 Service Manual. **NOTE:** The engine must be recalibrated **PRIOR** to conducting the stall test. Determine if crankcase blowby pressure is within the published limit of 304.8 mm or 12 inches of water. Record the crankcase blowby pressure measurement for inclusion in the claim narrative. **NOTE:** Be sure to use blowby tool part number 3822566 with a 7.67 mm/0.302 inch orifice and oil fill adapter part number 3990099 when measuring the crankcase blowby pressure. If the crankcase blowby pressure measured exceeds 304.8 mm/12 inches of water, then the valve guide seals need to be replaced as described in TRP 0933 (Valve Stem Seal TRP).
- 3 File one claim for all labor and travel associated with this repair. Provide documentation of the ECM revision codes from before and after the recalibration in the claims narrative.

MATERIAL DISPOSITION:

There are no materials involved in the Safety Campaign.

REIMBURSEMENTS:

Parts:

There are no parts covered in this Safety Campaign.

NOTE: SRTs to gain access that are required to complete the repair, that are sufficiently explained in the claim narrative, may also be claimed on this Safety Campaign.

Labor using applicable Access Code and Time:

SRT Code	Description	Time
00-90X	Administrative time	
14-704	Engine - Run-In and Test (In Chassis)	
19-601	Electronic Control Module (ECM) Calibration - Transfer	

Travel:

Travel is covered under this Safety Campaign. Towing is **not** covered under this Safety Campaign.

Other Claimables:

Consumables are **not** covered under this Safety Campaign.

Claim Instructions:

For Cummins Dealers, claims for this Safety Field Campaign **must** be filed via **RAPIDSERVE™ Web** (rsw.cummins.com). For information regarding **RAPIDSERVE™ Web**, please reference the "Warranty" tab in QuickServe Online. If there are additional questions, please contact your local Cummins Distributor.

Account Code: 65
Pay Code: Distributor = X
Pay Code: Dealer = D
Pay Code: International = I
Failure Code: WEQPE9

Attachments

c0941_esn-list.xls